

WHAT IS CLAIMED IS:

1. A resin molding comprising:
an injection-molded resin body; and
a soft meshed member bonded to the injection-molded resin body.
2. The resin molding according to claim 1, wherein
the meshed member comprises an electromagnetic shielding textile sheet.
3. The resin molding according to claim 2, wherein
the electromagnetic shielding textile sheet comprises of
a plurality of linear elements, each consisting of a core member
and a metal layer covering the core member.
4. The resin molding according to claim 3, wherein
the core members are made of a synthetic resin.
5. The resin molding according to claim 3, wherein
the core members are made of glass.
6. The resin molding according to claim 2, wherein
the electromagnetic shielding textile sheet comprises a
plurality of linear elements, each having a metal core.
~~6. The resin molding according to claim 2, wherein
the injection-molded resin body is transparent, the
electromagnetic shielding textile sheet has a desired light
transmittance, and the resin molding is substantially
transparent.~~
7. The resin molding according to claim 2, wherein
the injection-molded resin body is transparent, the
electromagnetic shielding textile sheet has a desired light
transmittance, and the resin molding is substantially
transparent.
8. The resin molding according to claim 1, wherein
the meshed member comprises a nonwoven fabric of synthetic
resin fibers.
9. The resin molding according to claim 1, wherein
the meshed member comprises a synthetic resin film provided

TWO EIGHTY FIVE THOUSAND

with a plurality of pores.

10. The resin molding according to claim 1, wherein the injection-molded resin body is provided with a through hole.

11. The resin molding according to claim 10, wherein the soft meshed member is provided with a through hole coinciding with the through hole of the injection-molded resin body.

12. The resin molding according to claim 1, wherein the injection-molded resin body has a predetermined direction of a resin flow, and meshes of the meshed member are arranged in rows inclined to the direction of the resin flow.

13. The resin molding according to claim 1, wherein the meshed member has a plurality of meshes of an area of 0.04 mm^2 or above.

14. The resin molding according to claim 1, wherein the injection-molded resin body has a recess and a protrusion in surfaces thereof.

15. The resin molding according to claim 1, wherein the injection-molded resin body has a curved protrusion or a curved recess in surfaces thereof.

16. The resin molding according to claim 1, wherein the meshed member has a plurality of meshes, and a resin forming the injection-molded resin body penetrates halfway through the meshed member so that the meshed member can be separated from the injection-molded resin body.

17. The resin molding according to claim 1, wherein the injection-molded resin body comprises a pair of component parts connected by the meshed member serving as a hinge.

TOP SECRET - 5000

18. The resin molding according to claim 1, wherein the injection-molded resin body has a boxed shape with corners, and is provided with ribs for containing a portion of the meshed member on inner surfaces the corners.

19. The resin molding according to claim 1, wherein the injection-molded resin body has a boxed shape with corners, and each corner has a curved inner surface and a curved outer surface, the radius of the inner surface being greater than that of the outer surface so that the corner can contain a portion of the meshed member.

20. The resin molding according to any one of claims 10 to 19, wherein

the soft meshed member comprises an electromagnetic radiation shielding textile sheet.

21. The resin molding according to claim 1
further comprising a decorative member bonded to the
injection-molded resin body.

22. The resin molding according to claim 21, wherein the decorative member is on one side of the injection-molded resin body, and the soft meshed member is on the other side of the injection-molded resin body.

23. The resin molding according to claim 21, wherein the soft meshed member and the decorative member are laminated to one surface of the injection-molded resin body so that the decorative member is arranged outside the soft meshed member.

24. The resin molding according to claim 21, wherein the soft meshed member comprises an electromagnetic shielding textile sheet.

卷之三

d. 64
25. A resin molding manufacturing method comprises the steps of:

placing a meshed member in an open mold;
clamping the mold; and
injecting a resin into the mold.

26. The resin molding manufacturing method according to claim 25, wherein

~~the meshed member is held in a slack state in the mold when clamping the mold, to allow the meshed member to be shaped so as to conform with a shape of an inner surface of the mold.~~

27. A resin molding manufacturing method comprising the steps of:

placing a decorative member and a soft meshed member in a cavity formed between a male mold and a female mold, and
injecting a resin into the cavity to form an injection-molded resin body.

28. The resin molding manufacturing method according to claim 27, wherein

~~the decorative member is disposed on one side of the cavity, the soft meshed member is disposed on the other side of the cavity, and the resin is injected from the side of the decorative member through an opening of the decorative member into the cavity so that the decorative member is bonded to one side of the injection-molded resin body and the meshed member is bonded to the other side of the same.~~

29. The resin molding manufacturing method according to claim 27, wherein

~~the decorative member is disposed on one side of the cavity, the soft meshed member is provided with an opening, the soft meshed member is disposed on the other side of the cavity, and the resin is injected from the side of the soft meshed member through an opening of the meshed member into the cavity so that the decorative member is bonded to one side of the injection-molded resin body~~

TOP SECRET//NOFORN

and the meshed member is bonded to the other side of the same.

30. The resin molding manufacturing method according to claim 27, wherein

the decorative member is disposed on one side of the cavity, the resin is injected from the side of the soft meshed member to force the soft meshed member toward the side of the decorative member in order that the soft meshed member is superposed on the decorative member.

31. The resin molding manufacturing method according to claim 27

further comprising a step of bonding together the decorative member and the soft meshed member in a laminated structure, wherein the laminated structure of the decorative member and the soft meshed member is placed in the cavity.

SEARCHED
INDEXED
COPIED
FILED

J.A.S
32. A resin molding manufacturing apparatus for manufacturing a resin molding, comprising:

a male mold; and

a female mold to be combined with the male mold to form a cavity in which a soft meshed member is placed;

wherein the female mold is provided with a protrusible member capable of being protruded toward the male mold.

33. The resin molding manufacturing apparatus according to claim 32, wherein

the protrusible member has an end surface facing the male mold and having a rounded edge.

34. A resin molding manufacturing apparatus for manufacturing a resin molding, comprising:

a male mold;

a female mold to be combined with the male mold to form a cavity in which a soft meshed member is placed; and

a stripper interposed between the male and the female mold and capable of holding a peripheral part of the soft meshed member,

positioned on the brim of the cavity together with the male mold.

35. The resin molding manufacturing apparatus according to claim 34, wherein

the stripper is provided, on its surface facing the cavity, with a cutting part for cutting the soft meshed member in cooperation with the male mold.

36. The resin molding manufacturing apparatus according to claim 34, wherein

the resin molding has corners, and

spaces for containing the soft meshed member are formed in parts of a surface of the stripper facing the male mold at positions corresponding to the corners of the resin molding.

37. A case comprising:

a first half case; and

a second half case joined to the first half case (so as to form a space for containing an electronic circuit);

wherein each of the first and the second half case comprises an injection-molded resin body, and an electromagnetic shielding textile sheet covering the inner surface of the injection-molded resin body.

38. The case according to claim 37, wherein

the injection-molded resin body of at least either the first or the second half case is provided with a through hole.

39. The case according to claim 38, wherein

the through hole of the injection-molded resin body is covered with the electromagnetic shielding textile sheet.

40. The case according to claim 38, wherein

the electromagnetic shielding textile sheet is provided with a through hole in a part thereof corresponding to the through hole of the injection-molded resin body.

41. The case according to claim 40, wherein
a push button of a conductive resin is fitted in the through
hole of the injection-molded resin body and the through hole of
the electromagnetic shielding textile sheet.

42. The case according to claim 40, wherein
a connector is disposed in the through hole of the
injection-molded resin body and the through hole of the
electromagnetic shielding textile sheet.

43. The case according to claim 42, wherein
an insulating ring is placed within the through hole of
the injection-molded resin body and the through hole of the
electromagnetic shielding textile sheet.

44. The case according to claim 37, wherein
parts of the electromagnetic shielding textile sheets of
the first and the second half case project from the edges of the
first and the second half cases, respectively.

45. The case according to claim 37, wherein a conductive
gasket is interposed between the first and the second half cases.

46. A case comprising:
a first half case; and
a second half case joined to the first half case so as to
form a space for containing an electronic circuit;
wherein each of the first and the second half case comprises
an injection-molded resin body, and an electromagnetic shielding
textile sheet covering the inner surface of the injection-molded
resin body,

the first half case is provided with a recess, and
the second half case is provided with a protrusion fitting
the recess of the first half case.

47. The case according to claim 46, wherein
the electromagnetic shielding textile sheets cover the

TOKUYAMA KOGYO CO., LTD.

surface of the recess of the first half case and the surface of the protrusion of the second half case, respectively, and the respective electromagnetic shielding textile sheets of the first and the second half case are electrically connected.

48. The case according to claim 47, wherein the electromagnetic shielding textile sheet of the second half case has a part extending through the protrusion.

Class 425
49. A resin molding to be fixed to a case containing an electric circuit so as to cover an opening formed in the case, said resin molding comprising:

a main part covering the opening of the case; and
a peripheral part formed around the main part so as to be in contact with the inner surface of the case;

wherein the main part comprises an injection-molded resin body, and a decorative member and a soft meshed member bonded to the injection-molded resin body, and

the meshed member of the main part has a part extending over the peripheral part.

50. The resin molding according to claim 49, wherein the decorative member of the main part has a part extending over the peripheral part.

51. The resin molding according to claim 49, wherein the main part comprises an injection-molded body, a decorative member, and a soft meshed member sandwiched between the injection-molded resin body and the decorative member.

TODAY'S DATE: 06/06/00